

**State of Florida  
Department of Transportation**



INVITATION TO BID  
**TRUCK MOUNTED SEWER CLEANER**

**ITB-DOT-16/17-9057-JP**

**CONTACT FOR QUESTIONS:**

Joyce Plummer, Procurement Agent  
E-mail: [joyce.plummer@dot.state.fl.us](mailto:joyce.plummer@dot.state.fl.us)  
Phone: (850) 414-4568  
605 Suwannee Street, MS 20  
Tallahassee, Florida 32399-0450

**EFFECTIVE DATES**  
**April 26, 2017 – April 25, 2019**

VENDOR  
SSES, Inc. d/b/a Southern Sewer Equipment Sales - CR8587

**FLORIDA DEPARTMENT OF TRANSPORTATION  
EQUIPMENT SPECIFICATION**

Specification Number: **FC1420**

Date: **January 10, 2017**

Unit of Equipment: **Truck Mounted Sewer Cleaner**

**BID SHEET**

**VENDOR NAME: SSES, Inc. d/b/a Southern Sewer Equipment Sales FEID#: 65-0267110-001**

**PRICE PER UNIT DELIVERED TO ANY FDOT LOCATION IN FLORIDA.**

**TRUCK MOUNTED SEWER CLEANER, PER SPECIFICATIONS FC 1420,**

**Type 3.1 Sewer cleaner:**

**ITEM 1: Base price installed on FDOT carrier (must be finished turn-key unit): \$ 210,650.00**

Manufacturer and model number of Sewer Cleaner: Vac-Con VPD3609SHAN/1000

Delivery 60 days after receipt of carrier.

**8.7.2 Flashing arrow board FDOT APL # 102-045-001**

**OPTION: MAY OR MAY NOT BE PURCHASED AT DISCRETION OF THE FDOT.**

**OPTION 9.1 PRICE MAY BE CONSIDERED AS BASIS OF AWARD.**

**Option 9.1 (Carrier supplied by vendor):**

**ITEM 2 Price of complete unit installed on carrier (must be finished turn-key unit): \$ N/A**

Manufacturer and model of carrier, complete information enclosed:

N/A

Will this carrier be supplied for the life of the contract?        Yes        No

Delivery       N/A       days after receipt of order.

**8.7.2 Flashing arrow board FDOT APL #       N/A**

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**Note: The following options are not included in the award.**

**Option 9.2 "Block Buster" type valve to connect to jet rodding hose.**

Manufacturer and model number: ATKDMATIC Pulsation

Unit Price \$ 3,476.00

**Option 9.3 Hydraulic power tool option:**

Manufacturer and model number: Vac-Con Hydraulic Power Tool Option

Unit Price \$ 3,272.00

**Option 9.4 Vacuum while driving switch (vacuum breaker override).**

Manufacturer and model number: Vac-Con Vacuum Breaker Override

Unit Price \$ 250.00

**Option 9.5 Rear vision back up camera and monitor.**

Manufacturer and model number: Safety Vision Commercial

Unit Price \$ 1,688.00

**Option 9.6 Cone storage rack.**

Manufacturer and model number: Vac-Con Cone Storage Rack

Unit Price \$ 403.00

**Option 9.7 Boom lights.**

Manufacturer and model number: Whelen NP6BB

Unit Price \$ 711.00

**Option 9.8 Cyclone**

Manufacturer and model number: Vac-Con Cyclone

Unit Price \$ Included with PD Blower

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**Option 9.9 Hose reel support foot.**

Manufacturer and model number: Vac-Con Hose Reel Support Foot

Unit Price \$ Included with Articulating Hose Reel

**Option 9.10 Hydrostatic blower drive.**

Manufacturer and model number: Rexroth Eaton

Unit Price \$ Included

**Option 9.11 Gravity drain for hydraulic pump off – plumbed to front bumper.**

Manufacturer and model number: Vac-Con Gravity Drain

Unit Price \$ 1,821.00

**Option 9.12 10' Telescopic boom in lieu of 6' telescopic boom.**

Manufacturer and model number: Vac-Con 10' Telescopic Boom

Unit Price \$ 4,419.00

**Option 9.13 Rear work lights.**

Manufacturer and model number: Whelen NP6BB

Unit Price \$ 711.00

**Option 9.14 50' Hand gun hose reel with hose.**

Manufacturer and model number: Hannay 50' Hand Gun Hose Reel

Unit Price \$ 1,984.00

**Option 9.15 5" Culvert nozzle.**

Manufacturer and model number: Vac-Con Culvert Nozzle

Unit Price \$ 2,034.00

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**Option 9.16 Grenade nozzle.**

Manufacturer and model number: ENZ Grenade Nozzle

Unit Price \$ 804.00

**Option 9.17 Storm nozzle and assembly.**

Manufacturer and model number: Vac-Con Storm Nozzle Assembly

Unit Price \$ 544.00

**Option 9.18 High – dump option.**

Manufacturer and model number: Vac-Con High Dump Option

Unit Price \$ 24,500.00

**9.19 BIDDERS MUST SUPPLY A LIST OF ALL OPTIONS SHOWN ABOVE THAT ARE AVAILABLE FROM THEM, AS WELL AS ALL OTHER AVAILABLE OPTIONS, PRICED INDIVIDUALLY, A DESCRIPTION OF EACH ITEM OFFERED MUST BE PROVIDED.**

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**OTHER OPTIONS**

**ITEM DESCRIPTION:** Three Stage Centrifugal Compressor in lieu of PD Blower

Manufacturer and model number: Vac-Con 3 Stage Fan

Unit Price \$ Deduct (\$16,716.00)

**ITEM DESCRIPTION:** 11 Yard Debris Tank in lieu of 9 Yard

Manufacturer and model number: Vac-Con 11 Yard Debris Tank

Unit Price \$ No Charge

**ITEM DESCRIPTION:** 1,300 Gallon Water Capacity in lieu of 1,000 Gallons

Manufacturer and model number: Vac-Con 1,300 Water Capacity

Unit Price \$ 5,195.00

**ITEM DESCRIPTION:** Flat Style Rear Door

Manufacturer and model number: Vac-Con Flat Rear Door

Unit Price \$ 5,245.00

**ITEM DESCRIPTION:** Hydro Excavation Package

Manufacturer and model number: Vac-Con Hydro Excavation Package

Unit Price \$ 6,219.00

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**OTHER OPTIONS**

**ITEM DESCRIPTION:** Dual Engine Configuration with Gas Auxiliary Engine, High Volume Hydrostatic Pump, Auxiliary Engine Remote Oil Drain

**Manufacturer and model number:** Vac-Con Dual Engine Gas Auxiliary Engine

**Unit Price \$** 14,975.00

**ITEM DESCRIPTION:** Dual Engine Configuration with Diesel Tier 4 140 HP Auxiliary Engine, High Volume Hydrostatic Pump, Auxiliary Engine Remote Oil Drain

**Manufacturer and model number:** Vac-Con Dual Engine Diesel Tier 4 140 HP Auxiliary Engine

**Unit Price \$** 45,868.00

**ITEM DESCRIPTION:** Omnibus Electronic Joystick Controller System with Color Monitor & Electronic Footage Counter

**Manufacturer and model number:** Vac-Con Omnibus

**Unit Price \$** 5,310.00

**ITEM DESCRIPTION:** Wireless Remote Control for Boom, Vacuum Breaker, Throttle & Debris Body

**Manufacturer and model number:** Vac-Con Remote Control

**Unit Price \$** 4,988.00

**ITEM DESCRIPTION:** Lateral Cleaning Kit: 150' x 1/2" Hose with Nozzle, Dolly Style Mounts

**Manufacturer and model number:** Vac-Con Lateral Cleaning Kit

**Unit Price \$** 3,080.00

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**OTHER OPTIONS**

ITEM DESCRIPTION: Rear Splash Guard, Tank Mounted

Manufacturer and model number: Vac-Con Splash Guard

Unit Price \$ 2,556.00

ITEM DESCRIPTION: Variable Flow Valve with 2 Additional Nozzles

Manufacturer and model number: Vac-Con Variable Flow Valve

Unit Price \$ 1,221.00

ITEM DESCRIPTION: 6" Knife Valve with Center Post and Handle in lieu of 5" Butterfly Valve

Manufacturer and model number: Vac-Con 6" Knife Valve

Unit Price \$ 710.00

ITEM DESCRIPTION: 2 1/2" Water Drain Gate Valve Assembly

Manufacturer and model number: Vac-Con 2 1/2" Water Drain Valve

Unit Price \$ 285.00

ITEM DESCRIPTION: 1/4 Turn Ball Valve Water Drain

Manufacturer and model number: Vac-Con 1/4 Turn Water Drain Valve

Unit Price \$ 442.00



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**OTHER OPTIONS**

**ITEM DESCRIPTION:** Remote Grease Zerk Assembly for Boom, Debris Tank and Articulating Hose Reel

Manufacturer and model number: Vac-Con Remote Grease Zerk Package

Unit Price \$ 5,867.00

**ITEM DESCRIPTION:** Automatic Lubrication System (in Addition to Remote Grease Zerk Assembly)

Manufacturer and model number: Vac-Con Automatic Lube System

Unit Price \$ 5,121.00

**ITEM DESCRIPTION:** Heavy Reinforced Elbow

Manufacturer and model number: Vac-Con Heavy Reinforced Elbow

Unit Price \$ 1,072.00

**ITEM DESCRIPTION:** 4 Corner LED Strobe System - 2 Front Bumper, 2 Rear Frame

Manufacturer and model number: Vac-Con 4 Corner LED Strobe System

Unit Price \$ 1,848.00

**ITEM DESCRIPTION:** LED Mid-Body Flood Lights with Limb Guards, 1) Driver's Side and 1) Curb Side

Manufacturer and model number: Vac-Con LED Mid-Body Flood Lights

Unit Price \$ 711.00

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**OTHER OPTIONS**

ITEM DESCRIPTION: Folding Pipe Rack (Holds 3 Pipes), Tank Mounted

Manufacturer and model number: Vac-Con Folding Pipe Rack

Unit Price \$ 2,811.00

ITEM DESCRIPTION: Turbo II Chain Cutter Nozzle with Guide Skid

Manufacturer and model number: USB SEC Turbo II Nozzle

Unit Price \$ 2,975.00

ITEM DESCRIPTION: Nozzle Package: Grand Slam Nozzle, Superior Penetrator Nozzle, Triple Star Chisel Nozzle, Ultimate Chisel Nozzle, Rotar Nozzle, Nozzle Case

Manufacturer and model number: USB SEC SSES Nozzle Package

Unit Price \$ 5,322.00

ITEM DESCRIPTION: Aluminum Storage Boxes in lieu of Steel

Manufacturer and model number: Vac-Con Aluminum Storage Boxes

Unit Price \$ 5,331.00

ITEM DESCRIPTION: Transfer Case Drive in lieu of Hydrostatic Drive

Manufacturer and model number: Vac-Con Transfer Case Drive

Unit Price \$ No Charge

**DELIVERY:** Delivery will be made within 60 days after receipt of Purchase Order.

Is this product available with recycled content? Yes ☒ No

If yes, please send information separate from this Invitation to Bid (See Recycled Material Special Condition for more information).

**RENEWAL:** see Introduction Section #7.

**NOTE:** Unit Prices must be stated specifically in dollars and cents, NOT a percentage increase.

**MFMP Transaction Fee:**

All payment(s) to the vendor resulting from this competitive solicitation **WILL** be subject to the MFMP Transaction Fee in accordance with the attached Form PUR 1000 General Contract Condition #14. However, all vendors should be aware, that effective July 1, 2016 through June 30, 2017, in accordance with House Bill 5003 Sec.73, the Transaction Fee will be seven-tenths of one percent (.70%) of the payment issued. The Transaction Fees imposed shall be based upon the date of issuance of the payment.

**NOTE:** In submitting a response, the bidder acknowledges they have read and agree to the solicitation terms and conditions and their submission is made in conformance with those terms and conditions.

**ACKNOWLEDGEMENT:** I certify that I have read and agree to abide by all terms and conditions of this solicitation and that I am authorized to sign for the bidder. I certify that the response submitted is made in conformance with all requirements of the solicitation.

Bidder: SSES, Inc. d/b/a Southern Sewer Equipment Sales FEID# 65-0267110

Address: 3409 Industrial 27th Street City, State, Zip: Fort Pierce, FL 34946

Phone: (800) 782-4134 Fax: (772) 595-9171 E-mail: info@southernsewer.com

Authorized Signature:  Date: March 31, 2017

Printed/Typed: Felix Denmon Title: Vice President

## ORDERING INSTRUCTIONS

Bid Number: ITB-DOT-16/17-9057-JP

Title: Sewer Cleaner

NOTE: ALL ORDERS SHOULD BE DIRECTED TO:

FEDERAL EMPLOYER IDENTIFICATION NUMBER (FEID): 65-0267110

VENDOR: SSES, Inc. d/b/a Southern Sewer Equipment Sales

ADDRESS: 3409 Industrial 27th Street

CITY, STATE, ZIP: Fort Pierce, FL 34946

TELEPHONE: (772) 595-6940

TOLL FREE NO.: (800) 782-4134 FAX NO.: (772) 595-9171

DELIVERY: DELIVERY WILL BE MADE WITHIN 60 DAYS AFTER RECEIPT OF PURCHASE ORDER.

PRODUCT INFORMATION: DIRECT QUESTIONS TO:

NAME & TITLE: Mike Wood / General Manager

ADDRESS: 3409 Industrial 27th Street

CITY, STATE, ZIP: Fort Pierce, FL 34946

TELEPHONE: (772) 595-6940

TOLL FREE NO.: (800) 782-4134 FAX NO.: (772) 595-9171

INTERNET E-MAIL ADDRESS: info@southernsewer.com

INTERNET WEBSITE URL: www.southernsewer.com

Will you accept the State of Florida Purchasing Card (VISA)? Yes ☒ No

# INTRODUCTION SECTION

## 1) INVITATION

The purpose of this Invitation to Bid is to obtain competitive bids to establish a two (2) year contract for the purchase of Sewer Cleaner by the Department of Transportation, hereafter referred to as the "Department". The contract will become effective on the date the successful bidder(s) is approved for award and will expire two years from that date. After the award, said bidder(s) will be referred to as the "Vendor(s)".

All commodities identified in this Invitation to Bid will be subject to the availability of identical commodities as provided by mandatory Department of Management Services' State Contract(s) at such time these commodities become available. In the event of duplication(s) of commodities, the Department of Management Services' mandatory State Contract shall prevail.

## 2) TIMELINE

Provided below is a list of critical dates and actions. These dates are subject to change. Notices of changes (Addenda) will be posted on the Florida Vendor Bid System at [www.myflorida.com](http://www.myflorida.com) (click on "BUSINESS", click on "Doing Business with the State", under "Everything for Vendors and Customers", click on "Vendor Bid System (VBS)", click on "Search Advertisements") under this bid number. It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting your bid.

| <b>ACTION / LOCATION</b>   | <b>DATE</b>           | <b>LOCAL TIME</b> |
|--|-----------------------|-------------------|
| <b>DEADLINE FOR TECHNICAL QUESTIONS -</b><br>(There is no deadline for administrative questions)   | <b>March 1, 2017</b>  | <b>5:00 PM</b>    |
| <b>BIDS DUE (ON OR BEFORE) -</b><br>Florida Department of Transportation<br>Central Procurement Office<br>Attn: Joyce Plummer<br>605 Suwannee Street, Mail Station 20<br>Tallahassee, Florida 32399-0450 | <b>March 21, 2017</b> | <b>3:00 PM</b>    |
| <b>PUBLIC OPENING -</b><br>Florida Department of Transportation<br>Central Procurement Office<br>Attn: Joyce Plummer<br>605 Suwannee Street, Room 439<br>Tallahassee, Florida 32399-0450                 | <b>March 21, 2017</b> | <b>3:00 PM</b>    |
| <b>POSTING OF INTENDED DECISION/AWARD -</b>  | <b>March 28, 2017</b> | <b>5:00 PM</b>    |

## 3) BID OPENING AGENDA

The sealed bids will be opened by the Department's Procurement Office personnel at the date, time and location in the Timeline. All bid openings are open to the public and will be conducted according to the following agenda:

Opening remarks – Approximate time of 2 minutes by Department Procurement Office personnel.

Public input period – To allow a maximum of 15 minutes total for public input related to the bid solicitation.

Bids opened – At conclusion of public input or 15 minutes, whichever occurs first, bids received timely will be opened with bidder's name and prices to be read aloud.

Adjourn - After all bids received timely have been opened, the meeting will be adjourned.

#### **4) SPECIAL ACCOMMODATIONS**

Any person with a qualified disability requiring special accommodations at a pre-bid conference, public meeting, and/or opening shall contact the contact person at the phone number, e-mail address or fax number provided on the title page at least five (5) working days prior to the event. If you are hearing or speech impaired, please contact this office by using the Florida Relay Services which can be reached at 1 (800) 955-8771 (TDD).

#### **5) CONTRACT USE**

Use of the contract resulting from this bid will be optional for the Department. The Department reserves the right to solicit separate bids for any unusual or abnormal quantity requirements that may arise during the term of the contract.

#### **6) ESTIMATED PURCHASES**

It is anticipated that the Department will purchase an estimated 1-2 per year under any contract resulting from this bid. This estimated amount is given only as a guideline for preparing your bid and should not be construed as representing an actual amount to be purchased under this contract. The Vendor(s) shall supply, at bid prices, the actual amounts ordered regardless of whether the total of such amounts is more or less than anticipated. This bid and the resulting contract will be subject to annual appropriated funding.

#### **7) RENEWAL**

Upon mutual agreement, the Department and the Contract Vendor may renew the contract for a period that may not exceed 3 years or the term of the original contract, whichever is longer. The renewal must be in writing and signed by both parties, and is subject to the same terms and conditions set forth in the initial contract and any written amendments signed by the parties. Any renewal shall specify the renewal price, as set forth in the solicitation response except that an agency may negotiate lower pricing. Renewal is contingent upon satisfactory performance evaluations and subject to the availability of funds.

### **SPECIAL CONDITIONS**

#### **1) MyFloridaMarketPlace**

BIDDERS MUST BE ACTIVELY REGISTERED IN THE STATE OF FLORIDA'S MYFLORIDAMARKETPLACE SYSTEM BY THE TIME AND DATE OF THE BID OPENING OR THEY MAY BE CONSIDERED NON-RESPONSIVE (see Special Condition 21). All prospective bidders that are not registered should go to <https://vendor.myfloridamarketplace.com/> to complete on-line registration, or call 1-866-352-3776 for assisted registration.

All payment(s) to the vendor resulting from this competitive solicitation **WILL** be subject to the MFMP Transaction Fee in accordance with the referenced Form PUR 1000 General Contract Condition #14. However, all vendors should be aware, that effective July 1, 2016 through June 30, 2017, in accordance with House Bill 5003 Sec.73, the Transaction Fee will be seven-tenths of one percent (.70%) of the payment issued. The Transaction Fees imposed shall be based upon the date of issuance of the payment.

#### **2) Florida Department of Financial Services (DFS) W-9 REQUIREMENT**

The Florida Department of Financial Services (DFS) requires all vendors that do business with the state to submit an electronic Substitute Form W-9. Vendors must submit their W-9 forms electronically at <https://flvendor.myfloridacfo.com> to receive payments from the state. Contact the DFS Customer Service Desk at (850) 413-5519 or [FLW9@myfloridacfo.com](mailto:FLW9@myfloridacfo.com) with any questions.

### **3) QUESTIONS & ANSWERS**

In accordance with section 287.057(23), Florida Statutes, respondents to this solicitation or persons acting on their behalf may not contact, between the release of the solicitation and the end of the 72-hour period following the agency posting the notice of intended award, excluding Saturdays, Sundays, and state holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the procurement officer or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response.

Any technical questions arising from this Invitation to Bid must be forwarded, in writing, to the procurement agent identified below. Questions must be received no later than the time and date reflected on the Timeline. The Department's written response to written inquiries submitted timely by bidders will be posted on the Florida Vendor Bid System at [www.myflorida.com](http://www.myflorida.com) (click on "BUSINESS", click on "Doing Business with the State", under "Everything for Vendors and Customers", click on "Vendor Bid System (VBS)", click on "Search Advertisements"), under this bid number. It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting their bid.

**WRITTEN TECHNICAL QUESTIONS** should be submitted to:  
Joyce Plummer, [joyce.plummer@dot.state.fl.us](mailto:joyce.plummer@dot.state.fl.us),

Questions regarding administrative aspects of the bid process should be directed to the Procurement Agent at the e-mail listed above or by phone: (850) 414-4568

### **4) ORAL INSTRUCTIONS / CHANGES TO THE INVITATION TO BID (ADDENDA)**

No negotiations, decisions, or actions will be initiated or executed by a bidder as a result of any oral discussions with a State employee. Only those communications which are in writing from the Department will be considered as a duly authorized expression on behalf of the Department.

Notices of changes (Addenda) will be posted on the Florida Vendor Bid System at [www.myflorida.com](http://www.myflorida.com) (click on "BUSINESS", click on "Doing Business with the State", under "Everything for Vendors and Customers", click on "Vendor Bid System (VBS)", click on "Search Advertisements") under this bid number. It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting your bid. All Addenda will be acknowledged by signature and subsequent submission of Addenda with bid when so stated in the Addenda.

### **5) DIVERSITY ACHIEVEMENT**

The Department, in accordance with ***Title VI of the Civil Rights Act of 1964, 42 USC 2000d- 2000d-4, Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21***, Nondiscrimination in federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that the Department will affirmatively ensure that in any contract/agreement entered into pursuant to this advertisement, minority and disadvantaged business enterprises will be afforded the full opportunity to submit bids in response to this invitation and will not be discriminated on the basis of race, color, national origin, or sex in consideration for an award.

The Department encourages the recruitment and utilization of small, minority, women, and service-disabled veteran businesses. The Department, its vendors, suppliers, and consultants should take all necessary and reasonable steps to ensure that small, minority, women, and service-disabled veteran businesses have the opportunity to compete for and perform contract work for the Department in a nondiscriminatory environment.

## **6) PRICES/DELIVERY**

Prices shall be firm, net, delivered prices, F.O.B. destination.

Delivery must be made within thirty (30) calendar days or less upon receipt of a purchase order by the contract vendor at their designated ordering location. If more time is needed, the bidder should state the extra time required and the reasons why, in their bid response. Acceptance will be subject to the Department's approval.

## **7) IN-STATE PREFERENCE FOR COMMODITY BIDS**

In accordance with Section 287.084, Florida Statutes, when the lowest responsible and responsive bid is submitted by a vendor whose principal place of business is located outside the state of Florida, a 5% price preference shall be awarded to the lowest responsible and responsive vendor whose principal place of business is located in the state of Florida unless the state where the out-of-state vendor is located provides a price preference for businesses having a principal place of business in that state. In that case, the same price preference shall be awarded to the lowest responsible and responsive vendor whose principal place of business is located in the state of Florida responding to this Invitation to Bid (ITB).

All bidders should complete the attached "In-State Preference Form" and submit with their bid response. A vendor whose principal place of business is located outside the state of Florida, must accompany their bid response documents with a written opinion of an attorney licensed to practice law in that foreign state, as to the preferences granted by that state to its own business entities in the letting of public contracts.

For the 5% preference, the Department will apply 5% to the bid price(s) of the lowest out of state vendor whose state does not grant a preference if that vendor has submitted the lowest responsible and responsive bid. The "In-State Preference" does not apply to transportation projects that use federal funds.

## **8) INTENDED AWARD**

As the best interest of the State may require, the right is reserved to make award(s) by individual item, group of items, all or none, or a combination thereof: on a geographical district basis and / or on a statewide basis with one or more suppliers to reject any and all bids or waive any minor irregularity or technicality in bids received. When it is determined there is competition to the lowest responsible bidder, evaluation of other bids is not required. Bidders are cautioned to make no assumptions, unless their bid has been evaluated as being responsive. All awards made as a result of this bid shall conform to applicable Florida Statute. If the Department is confronted with identical pricing or scoring from multiple vendors, the Department shall determine the order of award in accordance with section 295.187(4), Florida Statutes, and Rule 60A-1.011 Florida Administrative Code.

## **9) PRE-BID CONFERENCE: A PRE-BID CONFERENCE WILL NOT BE HELD.**

## **10) ALTERNATES**

ALTERNATE BRANDS WILL NOT BE CONSIDERED FOR THIS BID. BID AS SPECIFIED.

## **11) WARRANTY/SUBSTITUTIONS**

A warranty is required on all items purchased against defective materials, workmanship, and failure to perform in accordance with required industry performance criteria, for a period of not less than ninety (90) days from the date of acceptance by the purchaser. Any deviation from this criteria must be documented in the bid response or the above statement shall prevail. Delivery of substitute commodities requires prior written approval from the ordering location.



## **12) REPLACEMENT/RESTOCKING**

Replacement of all materials found defective within the warranty period shall be made without cost to the purchaser, including transportation if applicable. All fees associated with restocking cancelled orders shall be the responsibility of the vendor.

## **13) PRODUCT REQUIREMENTS/SPECIFICATIONS**

Items furnished shall be standard products of the manufacturer or their suppliers, shall be new, unused, clean, and free from any defects or features affecting appearance, serviceability, or the safety of the user in normal intended use.

Any deviation from specifications indicated herein must be clearly pointed out; otherwise, it will be considered that items offered are in strict compliance with these specifications, and successful bidder will be held responsible therefore. Deviations must be explained in detail on separate attached sheet(s).

## **14) ACCEPTANCE**

All items listed in the specifications, delivered to the Department not meeting specifications or found to be poorly manufactured will not be accepted, but returned to the vendor, at their expense, for replacement. Replacement of all items found defective shall be made without cost to the Department, including transportation, if applicable. As it may be impossible for each facility to inspect all items upon arrival, a reasonable opportunity must be given to these facilities for inspection of the items, and returning those that are defective.

## **15) REVIEW OF BIDDER'S FACILITIES & QUALIFICATIONS**

After the bid due date and prior to contract execution, the Department reserves the right to perform or to have performed, an on-site review of the bidder's facilities and qualifications. This review will serve to verify data and representations submitted by the bidder and may be used to determine whether the bidder has adequate facilities, equipment, qualified and experienced staff, and overall management capabilities to provide the required items. The review may also serve to verify whether the bidder has financial capabilities adequate to meet the contract requirements.

**Should** the Department determine that the bid package has material misrepresentations or that the size or nature of the bidder's facilities, equipment, management capabilities, or the number of experienced personnel (including technical staff) are not adequate to ensure satisfactory contract performance, the Department has the right to reject the bid.

## **16) PROTEST OF INVITATION TO BID SPECIFICATIONS**

Any person who is adversely affected by the contents of this Invitation to Bid must file the following with the Department of Transportation, Clerk of Agency Proceedings, Office of the General Counsel, 605 Suwannee Street, Mail Station 58, Tallahassee, Florida 32399-0450:

1. A written notice of protest within seventy-two (72) hours after the posting of the solicitation, (the notice of protest may be Faxed to 850-414-5264), and
2. A formal written protest in compliance with Section 120.57(3), Florida Statutes, within ten (10) days of the date on which the written notice of protest is filed.

Failure to file a protest within the time prescribed in section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

## **17) UNAUTHORIZED ALIENS**

The employment of unauthorized aliens by any contractor is considered a violation of Section 274A(e) of the Immigration and Nationality Act. If the contractor knowingly employs unauthorized aliens, such violation shall be cause for unilateral cancellation of the contract.

## **18) SCRUTINIZED COMPANIES LISTS**

Responses of \$1 million or more must include a completed Vendor Certification Regarding Scrutinized Companies Lists to certify the respondent is not on either of those lists. The Form should be submitted with the Price Proposal.

Section 287.135, Florida Statutes, requires that at the time a vendor submits a bid or proposal for a contract for goods or services of \$1,000,000 or greater, the vendor must certify that the company is not on Scrutinized Companies with Activities in the Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

For Contracts \$1,000,000 and greater, if the Department determines the Vendor submitted a false certification under Section 287.135(5) of the Florida Statutes, or if the Vendor has been placed on the Scrutinized Companies with Activities in the Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List, the Department shall either terminate the Contract after it has given the Vendor notice and an opportunity to demonstrate the Department's determination of false certification was in error pursuant to Section 287.135(5)(a) of the Florida Statutes, or maintain the Contract if the conditions of Section 287.135(4) of the Florida Statutes are met.

## **19) RESERVATIONS**

The Department reserves the right to accept or reject any or all bids received and reserves the right to make an award without further discussion of the bids submitted. Therefore, the bidder should make sure that the bid package submitted is complete and accurate and submitted to ensure delivery on or before the bid opening time and date specified in this solicitation. It is understood that the bid will become a part of the Department's official file, without obligation to the Department.

## **20) ADDITIONAL TERMS & CONDITIONS**

No conditions may be applied to any aspect of the ITB by the bidder. Any conditions placed on any aspect of the bid documents by the bidder may result in the bid being rejected as a conditional bid (see "RESPONSIVENESS OF BIDS"). **DO NOT WRITE IN CHANGES ON ANY ITB SHEET.** The only recognized changes to the ITB prior to bid opening will be a written Addenda issued by the Department.

## **21) RESPONSIVENESS OF BIDS**

Bids will not be considered if not received by the Department **on or before** the date and time specified as the due date for submission. All bids must be typed or printed in ink. A responsive bid is an offer to provide the items specified in this Invitation to Bid in accordance with all requirements of this Invitation to Bid. Bids found to be non-responsive will not be considered. Bids may be rejected if found to be irregular or not in conformance with the specifications and instructions herein contained. A bid may be found to be irregular or non-responsive by reasons that include, but are not limited to, failure to utilize or complete prescribed forms, modifying the bid specifications, submitting conditional bids or incomplete bids, submitting indefinite or ambiguous bids, or executing forms or the bid sheet with improper and/or undated signatures. Other conditions which may cause rejection of bids include, evidence of collusion among bidders, obvious lack of experience or expertise to provide the required items, and failure to perform or meet financial obligations on previous contracts.

## **22) REQUIRED DOCUMENTS**

The bidder must use the attached Bid Sheet to submit its bid. The Bid Sheet must be signed and dated in ink by a representative who is authorized to contractually bind the bidder. All bid sheets and other documentation submitted in response to this solicitation must be executed and submitted in a sealed envelope. **Indicate the bid number, with the time and date of the bid opening, on the envelope used to return the bid.**

## **23) "DRUG-FREE WORK PLACE" PREFERENCE**

Whenever two or more bids which are equal with respect to price, quality, and service are received, the Department shall determine the order of award in accordance with section 295.187(4), Florida Statutes, and Rule 60A-1.011 Florida Administrative Code, which includes a preference for bid responses that certify the business has implemented a drug-free workplace program in accordance with Section 287.087, F.S. The "Drug-Free Workplace Program Certification" must be completed and submitted with the bid response to be eligible for this preference.

## **24) COPYRIGHTED MATERIAL**

Copyrighted material will be accepted as part of a bid only if accompanied by a waiver that will allow the Department to make paper and electronic copies necessary for the use of Department staff and agents. It is noted that copyrighted material is not exempt from the Public Records Law, Chapter 119, Florida Statutes. Therefore, such material will be subject to viewing by the public, but copies of the material will not be provided to the public.

## **25) ATTACHMENT TO ITB SUBMITTAL - CONFIDENTIAL MATERIAL**

The Bidder must include any materials it asserts to be exempted from public disclosure under Chapter 119, Florida Statutes, in a separate bound document labeled "**Attachment to Invitation to Bid, Number ITB-DOT- 16/17-9057-JP - Confidential Material**". The Bidder must identify the specific Statute that authorizes exemption from the Public Records Law. Any claim of confidentiality on materials the Bidder asserts to be exempt from public disclosure and placed elsewhere in the bid will be considered waived by the Bidder upon submission, effective after opening.

## **26) MAIL OR DELIVER BIDS TO: (DO NOT FAX OR SEND BY E-MAIL)**

Florida Department of Transportation  
Attn: Joyce Plummer, Procurement Agent  
605 Suwannee Street, Mail Station 20  
Tallahassee, Florida 32399-0450  
Phone # (850) 414-4568

It is the bidder's responsibility to assure that the bid is delivered to the proper place **on or before** the Bid Due date and time (See Introduction Section 2, Timeline). Bids which for any reason are not so delivered will not be considered.

## **27) MODIFICATIONS, RESUBMITTAL AND WITHDRAWAL**

Bidders may modify submitted bids at any time prior to the bid due date. Requests for modification of a submitted bid shall be in writing and must be signed by an authorized signatory of the bidder. Upon receipt and acceptance of such a request, the entire bid will be returned to the bidder and not considered unless resubmitted by the due date and time. Bidders may also send a change in a sealed envelope to be opened at the same time as the bid. The ITB number, opening date and time should appear on the envelope of the modified bid.

## **28) POSTING OF INTENDED DECISION/AWARD**

### **28.1 - General:**

The Department's decision will be posted on the Florida Vendor Bid System at [www.myflorida.com](http://www.myflorida.com), (click on "BUSINESS", click on "Doing Business with the State", under "Everything for Vendors and Customers", click on "Vendor Bid System (VBS)", on date and time in the Timeline, and will remain posted for a period of seventy-two (72) hours. Any bidder who is adversely affected by the Department's recommended award or intended decision must file the following with the Department of Transportation, Clerk of Agency Proceedings, Office of the General Counsel, 605 Suwannee Street, Mail Station 58, Tallahassee, Florida 32399-0450:

1. A written notice of protest within seventy-two (72) hours after posting of the Intended Award, (the notice of protest may be Faxed to 850-414-5264), and
2. A formal written protest and protest bond in compliance with Section 120.57(3), Florida Statutes, within ten (10) days of the date on which the written notice of protest is filed. At the time of filing the formal written protest, a bond (a cashier's check or money order may be accepted) payable to the Department must also be submitted in an amount equal to one percent (1%) of the estimated contract amount based on the contract price submitted by the protestor.

Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

### **28.2 - Inability to Post:**

If the Department is unable to post as defined above, the Department will notify all bidders by electronic notification on the Florida Vendor Bid System (see special condition 28.1, above) or by mail, fax, and/or telephone. The Department will provide notification of any future posting in a timely manner.

### **28.3 - Request to Withdraw Bid:**

Requests for withdrawal will be considered if received by the Department, in writing, within seventy-two (72) hours after the bid opening time and date. Requests received in accordance with this provision will be granted by the Department upon proof of the impossibility to perform based upon obvious error on the part of the bidder. Bidders that do not withdraw as stated above will forfeit their bid bond, if applicable.

## **29) RECYCLED MATERIAL**

The Department encourages the use of products and materials with recycled content and post-consumer recovered materials. If the item(s) specified in the Technical Specification is available with recycled content, we request that you provide product information to help in our search for recycled products. However, this bid request is for the product as specified herein and does not require prices for recycled product. This information should be sent as part of your bid response or may be sent separately.

## **30) PRICE ADJUSTMENTS**

Price(s) shall remain firm for the life of the contract. Price adjustments will not be allowed.

## **31) DELIVERY LOCATION(S)**

Delivery must be made within sixty (60) calendar days or less upon receipt of a purchase order by the contract vendor at their designated ordering location. If more time is needed, the bidder should state the

extra time required and the reasons why, in their bid response. Acceptance will be subject to the Department's approval.

Refer to Section 11.1 of specification for additional delivery requirements.

Contractor shall complete delivery to FDOT within fourteen (14) calendar days from anticipated date stated in acknowledgement form.

Contractor shall notify FDOT personnel designated on purchase order no less than twenty-four (24) hours prior to delivery. Deliveries will be accepted only between 8:00 A.M. and 3:00 P.M. on FDOT's normal work days. Deliveries not complying with these requirements may be rejected and will have to be redelivered at contractor's expense.

A Manufacturer's Statement of Origin and a copy of warranty(ies) shall be provided upon delivery.

### **32) CANCELLATION**

All contract obligations shall prevail for at least one hundred and eighty (180) days after the effective date of the contract. For the protection of both parties, this contract may be cancelled in whole or in part after one hundred and eighty (180) days by either party giving thirty (30) days prior written notice to the other contract party. The contract may, also, be cancelled by the Department for nonperformance (default) in accordance with Rule 60A-1.006(3), F.A.C.

### **33) ORDERING INSTRUCTIONS**

Manufacturers are encouraged to bid direct naming dealers who will accept orders and complete deliveries. Bidders must include complete ordering instructions, including FEDERAL EMPLOYER IDENTIFICATION NUMBER (FEID), for invoicing dealers, with the bid on a separate sheet.

### **34) ORDER QUANTITIES**

The Department will, at its discretion, place orders with the Vendor(s) for various quantities of the items, as needed, during the contract period. Bidders are encouraged to identify the standard packaging quantity and minimum order quantity acceptable for each item or group of items bid. Excessive minimum order quantities will not be accepted.

### **35) OPEN PURCHASE ORDERS**

The Department may, at its discretion, establish an open (estimated quantity) purchase order with the contract vendor(s) to facilitate the purchasing of materials. The purchase of materials may be placed by; (1) written purchase order, (2) telephone orders by authorized Department personnel, or (3) an itemized order in writing. The Department will supply the contract vendor(s) with a list of personnel authorized to order. Delivery of items on these open purchase orders shall not exceed the contract effective period.

### **36) INVOICING**

Invoices must match units specified on the Purchase Order.

### **37) FORMS**

The Bidder must complete all required items below and submit them as part of the Bid package. Any Bid in which these forms are not used or in which these forms are improperly executed may be considered non-responsive and the bid may be subject to rejection.

Bid Sheet

Drug-Free Workplace Program Certification (if applicable)

In-State Preference

Vendor Certification Regarding Scrutinized Companies Lists (Form 375-030-60) (proposals of \$1 million or more)

Certification of Recycled Content (if applicable)

Ordering Instructions

Acknowledgement Form

### **38) TERMS AND CONDITIONS**

#### **38.1 General Contract Conditions (PUR 1000)**

The State of Florida's General Contract Conditions are outlined in form PUR 1000, which is a downloadable document incorporated into this Invitation to Bid (ITB) by reference. Any terms and conditions set forth in this ITB document will take precedence over the PUR 1000 form where applicable.

<http://www.dms.myflorida.com/content/download/2933/11777/1000.pdf>

The following paragraphs do not apply to this Invitation to Bid:

Paragraph 31, Dispute Resolution - PUR 1000

Paragraph 40, PRIDE – PUR 1000, when federal funds are utilized.

#### **38.2 General Instructions to Respondents (PUR 1001)**

The State of Florida's General Instructions to Respondents are outlined in form PUR 1001, which is a downloadable document incorporated into this Invitation to Bid (ITB) by reference. Any terms and conditions set forth in this ITB document take precedence over the PUR 1001 form where applicable.

<http://www.dms.myflorida.com/content/download/2934/11780/1001.pdf>

The following paragraphs do not apply to this Invitation to Bid:

Paragraph 3, Electronic Submission – PUR 1001

Paragraph 4, Terms and Conditions – PUR 1001

Paragraph 5, Questions – PUR 1001

#### **38.3 MFMP Purchase Order Terms and Conditions**

All MFMP Purchase Order contracts resulting from this solicitation will include the terms and conditions of this solicitation and the State of Florida's standardized Purchase Order Terms and Conditions, which can be found at the Department of Management Services website at the following link:

[http://www.dms.myflorida.com/content/download/117735/646919/Purchase\\_Order\\_Terms\\_Sept\\_1\\_2015 .pdf](http://www.dms.myflorida.com/content/download/117735/646919/Purchase_Order_Terms_Sept_1_2015.pdf)

Section 8(B), PRIDE, is not applicable when using federal funds.

### **39) ORDER OF PRECEDENCE**

All responses are subject to the terms and conditions of this solicitation, which, in case of conflict, shall have the following order of precedence listed:

Special Conditions

Technical Specifications

Bid Sheet

MFMP Purchase Order Terms and Conditions – Section 8(B), PRIDE, is not applicable when using federal funds.

General Instructions to Respondents (PUR 1001)

General Contract Conditions (PUR 1000)

Introduction Section

#### **40) Clarifications/Revisions**

Before award, the Department reserves the right to seek clarifications, to request proposal revisions, and to request any information deemed necessary for proper evaluation of proposals from all offerors deemed eligible for Contract award. Failure to provide requested information may result in rejection of the proposal.

#### **41) LIQUIDATED DAMAGES**

As timely delivery is of importance to the functioning of the agency, the Department reserves the right to cancel such items of the contract which are not delivered within the required time for such items. Failure by the Vendor(s) to deliver items as specified within the stated time shall subject the Vendor(s) to liquidated damages in the amount of one percent (1%) of the bid price of the items for each day beyond the stated time.

#### **42) ACKNOWLEDGEMENT**

The "Acknowledgement of Order Form" (see attached form), must be mailed to the purchaser within fourteen (14) calendar days from the date the contractor receives the purchase order.

Acknowledgement of receipt of order shall constitute an agreement by the contractor to deliver the equipment listed on the purchase order under the terms and conditions of this contract.

Failure of the contractor to acknowledge receipt of a purchase order shall be considered acceptance by default and the contractor will be held responsible for delivering the equipment requested.

#### **43) APPROVED PRODUCTS**

Approved Products List (APL) is published by the Department of Transportation and maintained by the State Specifications Office as an assurance to contractors, consultants, designers and the department that certain products and materials have a basic approval generally subject to additional testing of individual lots, batches or shipments to construction projects or against maintenance purchases. The APL is available on the World Wide Web at

<https://fdot.gov/programmanagement/ProductEvaluation/Default.shtm>

To qualify as an acceptable product for this bid, the product shall be either listed in the published Department of Transportation Approved Products List or have been approved by the Department of Transportation by the day before the opening of this bid. Products provided shall be approved throughout the term of the contract.

FLORIDA DEPARTMENT OF TRANSPORTATION  
EQUIPMENT SPECIFICATION

Specification Number: FC1420

Date: January 10, 2017

Unit of Equipment: **Truck Mounted Sewer Cleaner**

**ATTENTION PROSPECTIVE SUPPLIERS:** In order for your bid on this equipment to be considered, all questions in this specification must be answered and all information asked for must be supplied. Incomplete or inappropriate (i.e., responding "yes" or "no" when specific information is asked for) responses will result in your bid being rejected.

- 1.0 INTENT:** It is the intent and purpose of this specification to describe and set standards for truck-mounted sewer cleaners, to be used for highway drainage system and other roadway maintenance.

Yes

Understand and Acknowledge? (Yes/No)

- 1.1 QUALIFICATION OF MANUFACTURER AND MODEL:** The unit required and covered by this specification shall be the manufacturer's latest basic production model and shall be equipped with all standard equipment in accordance with the manufacturer's latest data, two copies of which must accompany the bid along with all specifications necessary to verify that the unit meets or exceeds all requirements stated herein.

Yes

Understand and Acknowledge? (Yes/No)

Blower and pump performance curves showing horsepower, RPM, vacuum, and flow must be included.

Yes

Understand and Acknowledge? (Yes/No)

No prototype machines are allowed. The unit bid must have basically been in production for a minimum of one year.

Yes

Comply? (Yes/No)

- 1.1.1** This contract will not be awarded until the FDOT Office of Maintenance is satisfied that the equipment proposed will meet the specification in every way. This may require interviews, documentary evidence, an equipment demonstration and inspection at an FDOT location of our choosing, or any combination of the above. Prospective suppliers will be expected to be fully cooperative with providing any reasonable evidence of specification compliance by the above methods. A maximum of 60 days between bid opening and contract award may be required for this process. After contract award, specification compliance will be reconfirmed by inspection, documentation, and demonstration when the first and subsequent items are delivered, prior to acceptance.

Yes

Understand and Acknowledge? (Yes/No)



**FLORIDA DEPARTMENT OF TRANSPORTATION  
EQUIPMENT SPECIFICATION**

Specification Number: **FC1420**

Date: **January 10, 2017**

Unit of Equipment: **Truck Mounted Sewer Cleaner**

**1.1.2 Parts and Service:**

- A. Service capability:** To be eligible for award, bidders must have, within the State of Florida, facilities, skilled and trained personnel, equipment and parts available to completely service, maintain, and repair the equipment offered.
- B. Parts availability:** The vendor shall maintain an adequate stock of replacement parts and shall make deliveries within 24 hours when requested.
- C. Pricing:** The manufacturer and bidder shall guarantee that parts prices will be as low as such parts are sold to any other user and that if at any time the prices are reduced or increased to the general trade, it is understood that the FDOT shall not pay a higher price than any other user, effective with the date of such price reduction or increase to the general trade.
- D. Post delivery inspection:** Bidder shall include in the bid price the cost of a post delivery inspection service of the equipment, approximately 30 days after it is placed in service. The inspection shall be performed by skilled and trained factory or dealer personnel. The inspection service shall include the following:

Check all operating systems for proper operation and adjustment.  
Check equipment visually for leaks, material defects, and any other defects.  
Check all fluid levels.

Vendor shall notify the FDOT at least twenty-four (24) hours prior to performing inspections.

Yes \_\_\_\_\_

Understand and comply with or accept all provisions of Parts and Service? (Yes/No)

**1.2 DEFINITIONS:**

- 1.2.1 "Approved Equivalent".** Bidders may substitute components for those listed only if written approval (FAX is permitted) is granted by the FDOT prior to bid opening. If this has not been accomplished by bid opening time, your bid will be rejected. The FDOT assumes no responsibility for responding to requests for approval of alternates in time for bid opening, as a technical evaluation frequently must be performed. Therefore, bidders are cautioned that quoting of the components listed may be advisable if lead time is short.

**Note:** Inadvertent acceptance of previous bids with alternate components shall not be construed as FDOT approval of such alternate components.

Yes \_\_\_\_\_

Understand and Acknowledge? (Yes/No)

**FLORIDA DEPARTMENT OF TRANSPORTATION  
EQUIPMENT SPECIFICATION**

Specification Number: **FC1420**

Date: **January 10, 2017**

Unit of Equipment: **Truck Mounted Sewer Cleaner**

- 1.2.2** Manufacturer's model numbers: when a manufacturer's model number is stated, it is understood that design changes to the stated model by the manufacturer are not subject to the control of the FDOT and that the intent is to procure an item substantially identical to that version last procured by, demonstrated to, or otherwise brought to the attention of the FDOT. It is explicitly understood that it is the responsibility of the bidder to notify the FDOT of any changes of consequence, and obtain approval per 1.2.1. Please contact the person named on the bid documents for information regarding the last model for which information is on record with the FDOT bid evaluators.

Yes

Understand and Acknowledge? (Yes/No)

- 1.2.3** "Heavy Duty". This term means that the design and construction of the item is sufficiently rugged and has adequate safety factor to stand up to the sort of use typically expected to be experienced by FDOT operators without structural or functional failure or other consequences such that the item causes or will probably cause excessive down time. The Mechanical Equipment Engineer may accept or reject items bid based on his judgment of compliance with this provision without the necessity for a field trial, or may require testing and vendor at his discretion.

Yes

Understand and Acknowledge? (Yes/No)

- 1.2.4** "Per (spec)". Whenever a specification such as SAE, OSHA, or FED-STD (but not limited to those) is referred to, the latest version as of the date of bid request is the version to be used.

Yes

Understand and Acknowledge? (Yes/No)

**1.3 WEIGHTS AND MEASUREMENTS:**

- 1.3.1** Weight: Gross weight of the loaded unit shall not exceed 66,000 lbs. The rear axle loading shall not exceed 46,000 lbs. and the front axle loading shall not exceed 20,000 lbs.

Note: "Loaded" means that there is 1,000 gallons of water on board, which shall be taken to weigh 8,345 lb., 7.00 cubic yards of debris which shall be taken to weigh 21,500 lb, 100 gallons of fuel which shall be taken to weigh 670 lb, and two crewmen at 200 lb each.

EMPTY: FRONT: 17,519, REAR: 21,186, TOTAL: 38,705

FULL: FRONT: 18,323, REAR: 50,306, TOTAL: 68,629

*\*See attached drawings with legal rated weights.*

Axle loadings - front, rear, and total, loaded.

Information clearly showing the unloaded and fully loaded weights and the respective weight distributions shall be submitted with the bid.

Yes

Information submitted? (Yes/No)

- 1.3.2** Height: Overall height shall not exceed 13.5 ft.

12' .03"

Height?

**FLORIDA DEPARTMENT OF TRANSPORTATION  
EQUIPMENT SPECIFICATION**

Specification Number: **FC1420**

Date: **January 10, 2017**

Unit of Equipment: **Truck Mounted Sewer Cleaner**

**1.3.3 Width:** Overall width shall not exceed 8 ft.

8'  
Width?

**1.3.4.1 Noise Level at Operator's Station:** In accordance with OSHA requirement 29 CFR Ch. XVII Para. 1910.95, the noise level shall not exceed 95 decibels, A scale, slow response, for a 4 hour exposure per workday.

89 DBa  
Noise level?

**2.0 CARRIER:**

Unless option for vendor supply of the carrier is exercised, the carrier will be supplied by the FDOT. It is understood that either way the successful bidder will provide a totally finished unit ready for use. The successful bidder shall specify to the FDOT the minimum chassis requirements including HP, GVWR, GAWRs, RBM, CA, PTO provisions and any other feature necessary for the proper operation of the sewer cleaner. **This shall be done with the bid package.** Bidder shall supply information such that the resulting vehicle will be capable of 65 mph on level pavement. The combined cost of the carrier and the sewer cleaner unit will be considered for bid award. The FDOT will notify the successful bidder when the chassis is available for pick up. Pick up and delivery of the unit shall be at the Purchase Order destination unless specified otherwise. See applicable option.

Yes  
Understand and Acknowledge? (Yes/No)

**2.1.1** If Carrier is provided by the vendor, then carrier must be supplied with automatic-adjustable volume backup alarm. Must meet latest issue of SAE J994, Type F, 112 dB (A) factory or dealer installed. ECCO model SA-917N, WHELEN model WBUA112, or approved equivalent.

Yes  
Comply? (Yes/No)

**3.0 SEWER CLEANER MECHANISM:**

**3.1 Single Engine / Positive Displacement Blower type:**

**3.1.1 General:** This type unit will utilize the carrier engine to drive the sewer cleaner and provide power for all functions. There will be no auxiliary engine. A minimum of 160 hp shall be available to drive the vacuum unit.

Yes  
Comply? (Yes/No)

**FLORIDA DEPARTMENT OF TRANSPORTATION  
EQUIPMENT SPECIFICATION**

Specification Number: **FC1420**

Date: **January 10, 2017**

Unit of Equipment: **Truck Mounted Sewer Cleaner**

- 3.1.2 Drive:** Describe below the type drive proposed. State the horsepower and rpm at which each component is driven and the resulting vacuum or pressures and flow rate at said horsepower and rpms. Describe provisions for variable speed. **Provide a complete description. Your bid may be rejected if information is incomplete.** Use extra pages if necessary. See also 1.1.

\*SINGLE ENGINE DESIGN:

Please see attached page

TOTAL HP REQUIRED: 332 HP

(Description of drive as requested above)

- 3.1.3 Vacuum Unit:** The vacuum unit shall be capable of at least 14.5"Hg vacuum and 3,000 cubic feet per minute flow at 160 Hp input. The vacuum unit shall be capable of at least 13.0"Hg vacuum and 1,000 cubic feet per minute flow at 100 Hp input.

18" HG 3,000 CFM

Vacuum and flow with 160hp input?

15" HG 2,200 CFM

Vacuum and flow with 100hp input?

Positive Displacement, Howden Roots, 824 RCS

Type, make, and model of vacuum unit?

- 3.1.4 Water Pump:** The high pressure water pump shall be a well known brand and shall deliver 60 gallons per minute at a pressure of 3,000 psi, minimum.

FMC, 1616, 60 GPM, 3,000 PSI

Brand, model, flow, pressure

FMC 1616

Model bid to this specification?

- 3.1.5 Total horsepower -** What is the total horsepower available for the combined vacuum unit and water pump for this model?

370 HP Available

Total horsepower available?

16"HG/3,400 CFM 60/3,000 = 284 (REQUIRED TO OPERATE COMPONENTS)

**FLORIDA DEPARTMENT OF TRANSPORTATION  
EQUIPMENT SPECIFICATION**

Specification Number: **FC1420**

Date: **January 10, 2017**

Unit of Equipment: **Truck Mounted Sewer Cleaner**

**4.0 BODY:**

- 4.1** The debris body shall have a minimum useable capacity of 9.0 cubic yards.

9.0 Cubic Yards

Capacity?

- 4.2** A debris body high pressure wash out system shall be provided.

Yes

Comply? (Yes/No)

- 4.3** A trash pump off system with a minimum capacity of 450 G.P.M. shall be provided.

Yes

Comply? (Yes/No)

450 G.P.M.

Capacity? (G.P.M.)

- 4.4** The rear door on the body shall latch hydraulically with a watertight seal.

Yes

Comply? (Yes/No)

- 4.5** Satisfactory means shall be provided for removal of excess water from the debris body.  
Describe below.

5" Butterfly Valve Located on Rear Door to Decant Excess Water

Description

- 4.6** There shall be filter screens in the debris body, made of stainless steel.

Yes

Comply? (Yes/No)

- 4.7** At least one body vacuum hose connection, 8 in. minimum diameter, shall be provided.

Yes

Comply? (Yes/No)

- 4.8** The body may use either tilt or ejection dumping. Tilt dumps shall have, at a minimum, a National Truck Equipment Association Class 70 double acting hoist with a minimum dump angle of 45 degrees. A tilt dump must be equipped with safety props.

Yes

Comply? (Yes/No)

**FLORIDA DEPARTMENT OF TRANSPORTATION  
EQUIPMENT SPECIFICATION**

Specification Number: **FC1420**

Date: **January 10, 2017**

Unit of Equipment: **Truck Mounted Sewer Cleaner**

- 4.9** A liquid level shut off device shall be provided to prevent over filling of the debris body.

Yes

Comply? (Yes/No)

- 4.10** The unit shall have a debris body vacuum relief system with audio and visual alarms.

Yes

Comply? (Yes/No)

**5.0 WATER TANKS:**

Water tanks for the jet rodding system shall have a minimum useable volume of 1,000 gal. and shall be made from a corrosion resistant material.

Yes

Comply? (Yes/No)

1,000 Gallons

Useable volume?

Cross Linked Polyethylene

Material?

3/8"

Thickness?

- 5.1** The water tanks shall include overflow protection and a sight level gauge.

Yes

Comply? (Yes/No)

- 5.2** A minimum 25 ft. hose, 2 in. diameter, water meter, and necessary fittings and adapters to fill the water tanks from a fire hydrant shall be provided.

Yes

Comply? (Yes/No)

- 5.3** Water tanks shall be capable of being filled from either side of truck.

Yes

Comply? (Yes/No)

**6.0 HIGH PRESSURE HOSE AND REEL:**

- 6.1** A pivoting hose reel for the high-pressure jet rodding system shall be provided.

Yes

Comply? (Yes/No)

**FLORIDA DEPARTMENT OF TRANSPORTATION  
EQUIPMENT SPECIFICATION**

Specification Number: **FC1420**

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- 6.2** The hose reel shall be filled with a minimum of 500 ft. of 1 in. diameter high pressure, abrasion resistant hose rated for 3,000 PSI working pressure and 7,500 psi burst pressure. Reel total capacity shall be a minimum of 600 ft. of 1 in. diameter hose.

Yes

Comply? (Yes/No)

- 6.3** A level wind guide device shall be provided to control the winding and unwinding of the rodder hose from the hose reel.

Yes

Comply? (Yes/No)

- 6.4** A length counter shall be provided on the hose reel.

Yes

Comply? (Yes/No)

- 6.5** Complete operating controls shall be provided on the side of the hose reel. An engine emergency shutdown switch shall be included.

Yes

Comply? (Yes/No)

- 6.6** A guide tube shall be provided to prevent abrasion of the high-pressure hose.

Yes

Comply? (Yes/No)

- 6.7** A low water alarm and light shall be mounted on the hose reel.

Yes

Comply? (Yes/No)

**7.0 VACUUM HOSE BOOM:**

- 7.1** The vacuum hose shall be supported by a hydraulically operated boom located above the debris tank with a minimum lift rating of 700 lb.

700 lb.

Lift rating lb.?

Yes

Comply? (Yes/No)

- 7.2** The boom shall telescope to allow positioning of the vacuum hose up to 21' ft. from the truck centerline.

21 ft.

Length ft.?

Yes

Comply? (Yes/No)

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**7.3** The boom shall rotate a minimum of 180 degrees.

230 degrees

Rotation?

Yes

Comply? (Yes/No)

**7.4** Boom motion shall be controlled by a pendant control, easily accessible to operator when using vacuum hose.

Yes

Comply? (Yes/No)

**8.0 TOOLS & ACCESSORIES:** The following shall be provided, at a minimum.

**8.1** High pressure flushing nozzles: 15 degree, 35 degree and a 1 in. diameter finned nozzle extension shall be provided.

Yes

Comply? (Yes/No)

**8.2** A hand sprayer with 25 ft. of hose mounted at the center of the body, street side, with spring loaded take up reel shall be provided.

Yes

Comply? (Yes/No)

**8.3** Two (2) aluminum catch basin tube extensions, 8 in. diameter and 7 ft. long, minimum shall be provided.

Yes

Comply? (Yes/No)

**8.4** Two (2) aluminum catch basin tube extensions, 8 in. diameter, 2 ft. and 4 ft. long, respectively, shall be provided.

Yes

Comply? (Yes/No)

**8.5** A grate lifting hook for storm drains shall be provided on the boom.

Yes

Comply? (Yes/No)

**8.6** Pull or fold down racks or racks easily accessible from ground level to accommodate a minimum of 40 feet of extensions shall be provided.

Yes

Comply? (Yes/No)



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- 8.7.1** Lockable tool boxes all keyed alike shall be provided to carry tools and accessories. Tool boxes shall be constructed of steel or aluminum with water seal. An additional Tool box with minimum dimensions of 18 in. x 18 in. x 48 in. for FDOT use shall be provided on the right side of the truck.

Yes

Comply? (Yes/No)

- 8.7.2** An FDOT approved flashing arrow board shall be provided mounted on the rear of the vehicle. A list of FDOT approved flashing arrow boards will be available at the following internet web link: <http://www.fdot.gov/programmanagement/ProductEvaluation/Default.shtm>

Yes

Comply? (Yes/No)

- 8.7.3** Provide amber strobe lights mounted on the vehicle, Manufacturer & Model #ECCO 7970A or 7970C or approved equivalent.

ECCO 7970A

Manufacturer & Model?

- 8.9** Hand light with bumper plug must be provided.

Yes

Comply? (Yes/No)

- 9.0** **OPTIONS:** May or may not be purchased at discretion of the FDOT. Option 9.1 price may be considered as basis of award all other options are not considered as part of the award. It is recognized that not all bidders offer all options listed; there is no penalty for not bidding an option. It is also recognized that some bidders may offer optional features which are standard equipment with others. The FDOT will make every reasonable effort to evaluate bids based on comparable equipment. List all prices and deliveries that apply on cost sheet.

- 9.1** Carrier supplied by vendor. Provide complete information on carrier proposed, delivery time and price. Carrier must be a heavy duty, air conditioned, and diesel powered truck with automatic transmission. Color must be number 13538 of FED-STD-595. DOT Yellow (DuPont Centari L9069A, Freightliner 3258, International 4421).

- 9.2** Provide "Block Buster" type valve to connect to jet rodding hose.

- 9.3** Hydraulic power tool option.

- 9.4** Vacuum while driving switch (vacuum breaker override).

- 9.5** Rear vision back up camera and monitor.

- 9.6** Cone storage rack.

- 9.7** Boom lights.

- 9.8** Cyclone.

- 9.9** Hose reel support foot.

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- 9.10** Hydrostatic blower drive.
- 9.11** Gravity drain for hydraulic pump off - plumbed to front bumper.
- 9.12** 10' telescopic boom in lieu of 6' telescopic boom.
- 9.13** Rear work lights.
- 9.14** 50' hand gun hose reel with hose.
- 9.15** 5" culvert nozzle.
- 9.16** Grenade nozzle.
- 9.17** Storm nozzle and assembly.
- 9.18** High - dump option.
- 9.19** Bidders must supply a list of all options shown above that are available from them, as well as all other available options, priced individually, as an attachment to the bid. A description of each item offered must be provided.

Yes

Comply? (Yes/No)

**10.0 PAINTING AND MARKING:**

**PAINTING:** All exterior mounted components furnish by the supplier shall be painted to match the carrier, except small items of hardware may be gloss black. The paint system should include the following steps, as a minimum:

- 1.** All surfaces shall be ground smooth with welding slag, burrs and sharp edges removed.
- 2.** All surfaces shall be sandblasted and then immediately receive one (1) coat of rust inhibitive primer.
- 3.** All primed surfaces shall receive two (2) coats of premium grade automotive enamel to match Yellow # 13538 of Federal Standard 595. DOT Yellow (DuPont Centari L9069A, Freightliner 3258, International 4421).

NOTE: If requested, a paint chip will be furnished to the successful bidder by the FDOT.

Yes

Comply? (Yes/No)

**CONSPICUITY MARKING:** A single 2 in. wide, red/white strip of reflective tape shall be applied so as to cause the limits of the truck from any angle to be visible at night when illuminated by oncoming traffic. The tape should be applied at a maximum height of 4 ft, but may vary according truck or body configuration. On the rear of the vehicle the tape will be applied to the upper portion of the bumper. Gaps in the tape where members protrude or the configuration does not lend itself

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to tape application will be normal. ORALITE V82 DOT-C2 Conspicuity Sheeting, is an approved source for this type of reflective tape. Their type V82 DOT-C2 Conspicuity Sheeting Red/White is currently being used by the FDOT. Other brands of reflective tape will require prior approval by FDOT.

Yes

Comply? (Yes/No)

- 11.0 CONDITIONS:** Terms and conditions set forth in the bid documents will overrule this specification when there is disagreement between the specification and bid documents.

**11.1 DELIVERY AND ACCEPTANCE:**

- 11.1.1** Prior to delivery, a first article inspection may be performed by the Mobile Equipment Manager and his designee at the vendor's facility to ensure that the first machine procured on this contract meets all specification requirements. Preferably, the inspection will take place prior to painting with the unit fully operational. The vendor will advise the contact person(s) named at the end of this specification a minimum of two weeks before the machine will be ready for inspection.

Yes

Comply? (Yes/No)

- 11.1.2** Travel costs incurred by FDOT personnel performing the first article inspection shall be paid for by the vendor. Estimates for the travel costs should include transportation, meals and lodging for two (2) persons from any location in Florida to the vendor's facility and back with at least one full day allotted for the inspection.

Yes

Comply? (Yes/No)

- 11.1.3** Items found to not be in compliance will be corrected and brought into compliance before final acceptance. Travel expenses for additional visits required by FDOT personnel to the vendor's facility to verify correction of deficiencies discovered in the first inspection shall also be paid for by the vendor. After all items on the machine are determined to be in compliance, the unit may then be taken by the supplier to the Purchase Order destination. All subsequent units purchased from this contract will be inspected at their Purchase Order destinations for compliance with the specifications.

Yes

Comply? (Yes/No)

At the discretion of FDOT, the first article inspection at the vendor's facility may be waived or relocated to a more convenient site, if it is determined that it would be in the best interest of the State. In any case, the machine is still required to fully comply with the specification requirements.

Yes

Understand and Acknowledge? (Yes/No)

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- 11.1.4** Failure of FDOT personnel to discover defects during an inspection does not relieve the vendor from responsibility for correcting areas of non-compliance found after delivery.

Yes

Understand and Acknowledge? (Yes/No)

**11.2 STANDARDS:**

- 11.2.1** The unit shall comply with all Motor Vehicle Safety Standards as established by the U. S. Department of Transportation, all requirements of the latest issues of ANSI Standards and OSHA Standards, and all other required Federal and State of Florida legal requirements and standards.

Yes

Comply?(Yes/No)

- 11.3** DOCUMENTATION: Bidders must submit two (2) copies of current manufacturer's data to substantiate compliance with the specifications, and a list of dealers in or near Florida.  
**These must be included with the bid documents.**

Yes

Comply? (Yes/No)

**11.4 MANUALS:**

- 11.4.1** Two (2) manufacturer's operator manuals and two (2) each lubrication instructions and maintenance instructions in hard copy, and if available on a CD ROM for use with a computer, to be delivered with each unit.

Yes

Comply? (Yes/No)

- 11.4.2** The supplier shall ensure that all service bulletins, recall notices, and/or other service or maintenance information for the reasonable life of the machines supplied are sent to the FDOT shop to which the machines are assigned.

Yes

Comply? (Yes/No)

**11.5 PERSONNEL TRAINING:**

- 11.5.1** The services of a factory technician or technicians, thoroughly trained in the use and operation of the unit, shall be furnished for a period of not less than two (2) days, to instruct personnel in the use, operation and maintenance of the unit after delivery. This is to be done at the delivery location.

Yes

Comply? (Yes/No)

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**12.0 WARRANTY:**

- 12.1** The supplier shall warrant all components of its manufacture and design for a minimum of two (2) years following the date of acceptance and will replace to the FDOT any part found to be faulty in manufacture or workmanship. The warranty shall include parts and labor at the delivery location or at the supplier's service location, at the option of FDOT. Parts and service must be available within 2 working days.

Yes

Comply? (Yes/No)

- 12.2** Components not of the supplier's design and manufacture, such as the carrier, water pumps, valves, etc., are subject to the OEM warranty. In any case all warranties must be for at least two (2) years. Dates of warranties are to be the date of acceptance by FDOT. The successful bidder shall act as FDOT's agent regarding any warranty claim on OEM warranted components.

Yes

Comply? (Yes/No)

## ACKNOWLEDGMENT OF ORDER

PURCHASING AGENCY \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

\*\*\*\*\*

Your purchase order number \_\_\_\_\_ was received on \_\_\_\_\_

The order was placed with the manufacturer on \_\_\_\_\_. We anticipate delivery  
to your agency on or about \_\_\_\_\_.

Please reference your purchase order number or the production number if any inquiry should  
become necessary. Contractors request that purchaser(s) refrain from inquiries about delivery  
unless the anticipated delivery has been exceeded.

\*\*\*\*\*

CONTRACTOR NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

\*\*\*\*\*

COMMENTS: